



METEOROLOGICAL SERVICE, JAMAICA
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Prediction for a near-normal 2019 Atlantic Hurricane Season

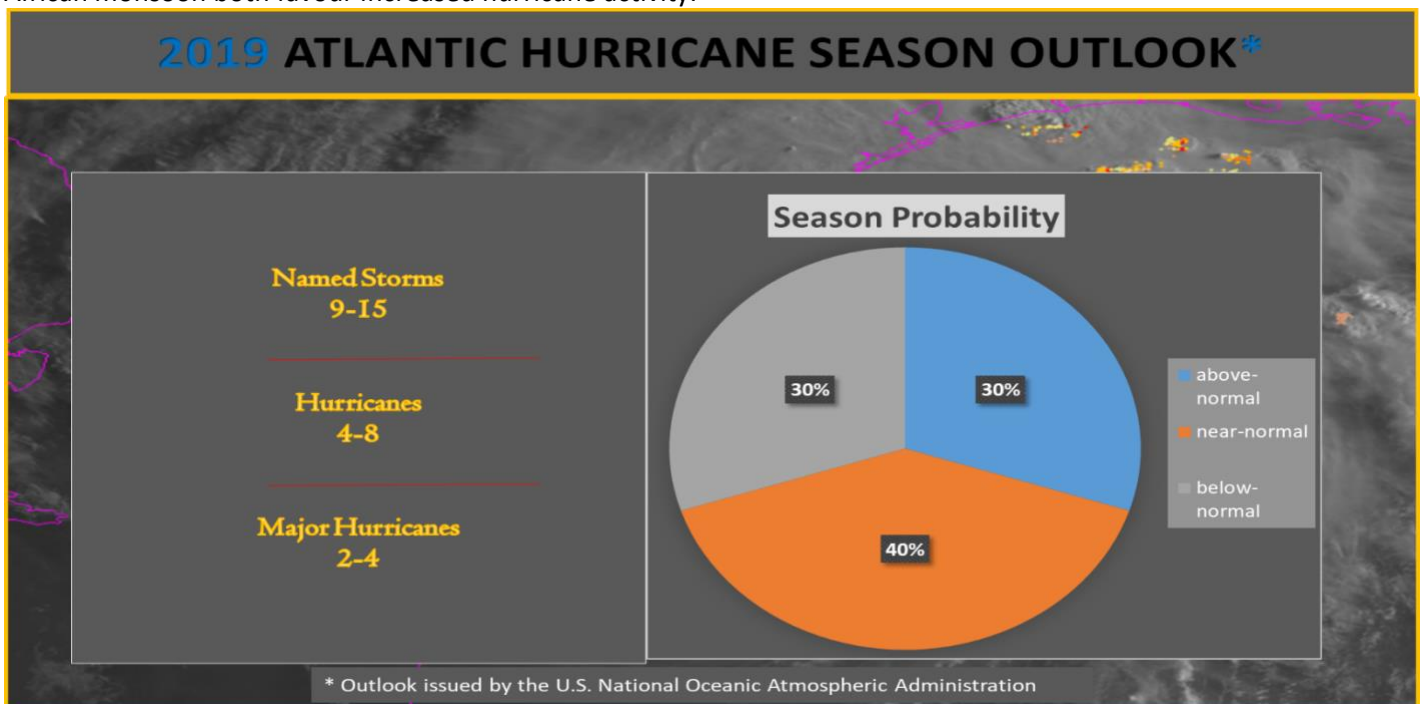
The Meteorological Service Division wishes to endorse the forecast of the Climate Prediction Center of the National Oceanic and Atmospheric Administration (NOAA) as its official Seasonal Outlook for the 2019 Atlantic Hurricane Season. The forecast is for a 40% chance that the hurricane season will be near-normal.

The Atlantic Hurricane Season runs from June 1 to November 30 and NOAA hurricane forecasters predict a 30 percent chance of an above-normal season, a 40 percent chance of a near-normal season, and a 30 percent chance of a below-normal season.

Specifically, the Outlook calls for a 70% confidence for each of the following ranges of activity:

- 9-15 Named Storms (which includes Subtropical Storm Andrea)
- 4-8 Hurricanes
- 2-4 Major Hurricanes (of category 3 or higher)

The Outlook reflects competing climate factors. El Niño conditions are expected to persist and suppress hurricane activity, while above-average sea-surface temperatures across the tropical Atlantic Ocean and the Caribbean Sea and an enhanced African monsoon both favour increased hurricane activity.



How to interpret this forecast...

This outlook indicates, by way of probabilities, the likelihood of an above-normal, near-normal or below-normal season. A 'normal' season produces on average, 12 named storms, six of which become hurricanes and three of which become hurricanes of category 3 or higher (major hurricanes). The number of named storms, hurricanes, and major hurricanes predicted are given as ranges for which there is a 70% confidence for each of the ranges provided above.

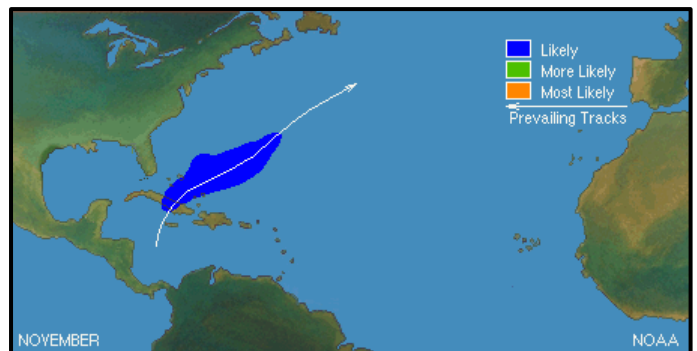
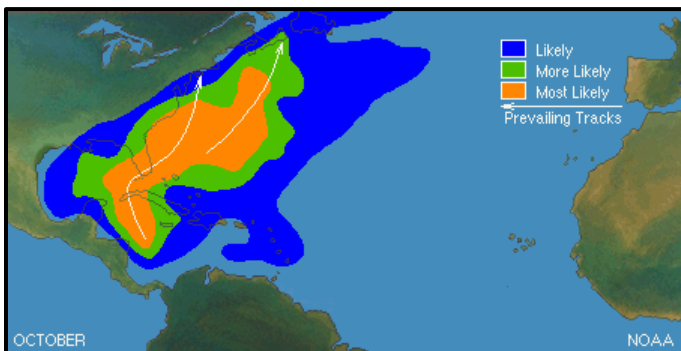
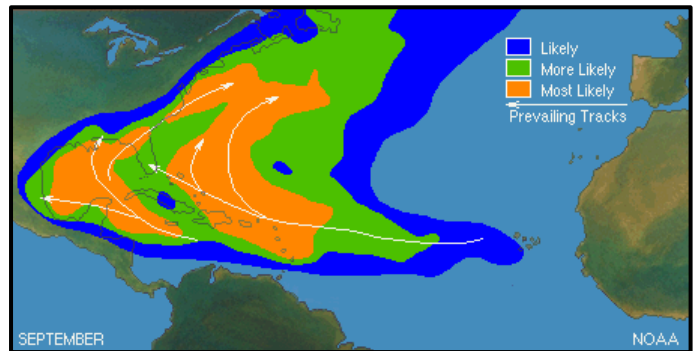
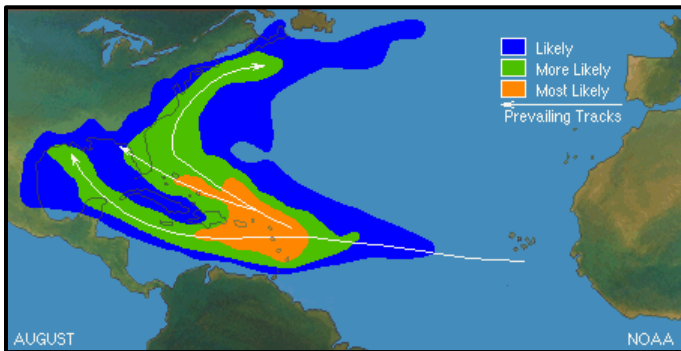
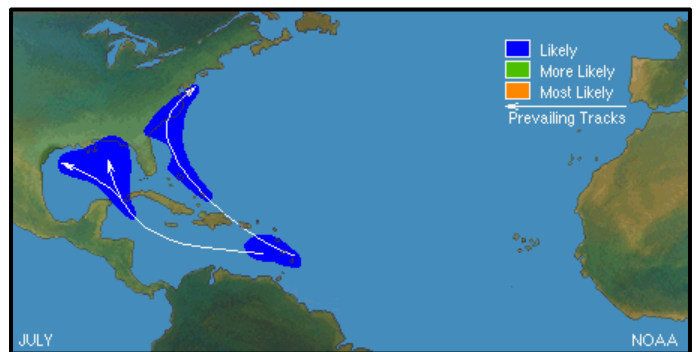
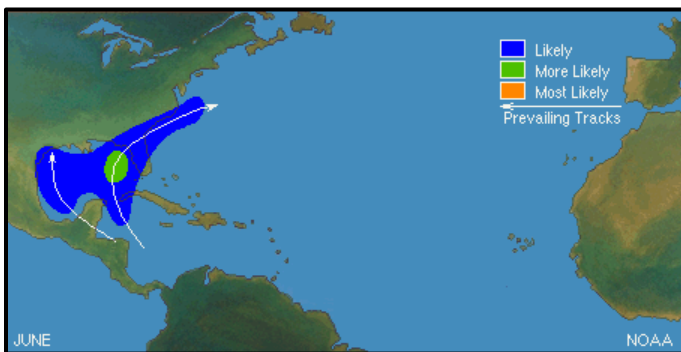
The Outlook is produced from climate models that directly predict seasonal hurricane activity and from the predictions of how large-scale climate factors, such as El Niño/La Niña are expected to influence seasonal hurricane activity.

Since no climate model or prediction of climate factors is accurate 100% of the time, the purpose of the outlook is to provide a general guide to the expected overall activity during the upcoming hurricane season.

The outlook does not provide a prediction of the number of storms expected to make landfall over Jamaica nor any impact for any particular location on the island.

Where the storms are likely to form...

The figures below show the areas of origin and tracks of tropical cyclones from June to November. These figures are based on climatological averages but **tropical cyclones can originate in different locations and have varying tracks that depart from the average.**



Being prepared...

Whether the seasonal prediction is for above-normal or below-normal activity, a disaster can occur from only one hurricane or tropical storm, or even from a lesser developing system. Fishers and other marine operators, are usually the first to be impacted by emerging weather systems at sea so they are specially urged to be alert during this time of the year. Residents are advised to prepare for each hurricane season regardless of the seasonal forecast. During the month of June, being recognized as Disaster Preparedness Month, the Office of Disaster Preparedness and Emergency Management (ODPEM) will provide important hurricane preparedness information through their offices and the mass media.

How to access warning messages...

- Weather Hotline: Dial 116
- SmartAlert: alert.metservice.gov.jm
- Website: www.metservice.gov.jm
- Twitter: @MetserviceJA
- Email: Join our mailing list by sending your request nmcforecaster@metservice.gov.jm
- Local media: Keep informed by listening to the Meteorological Service News Releases and Bulletins on local radio and television stations.